

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/579,113
Filing Date	April 6, 2007
First Named Inventor	Richard Joseph Fagan
Art Unit	1647
Examiner Name	Shulamith H. Shafer, Ph.D.
Attorney Docket Number	C.R.116

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-7,622,555	11-24-2009	Davids <i>et al.</i>	All
	U2	US-6,783,961	8-31-2004	Edwards <i>et al.</i>	All
	U3	US-6,420,526	7-16-2002	Ruben <i>et al.</i>	All
	U4	US-2004/0204352	10-14-2004	Davids <i>et al.</i>	All
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	F1					
	F2					
	F3					
	F4					
	F5					
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Examiner Name	Shulamith H. Shafer, Ph.D.
Attorney Docket Number	C.R.116

Sheet 2 of 3**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	International Search Report in International Application No. PCT/GB2003/001851, October 28, 2003, pp. 1-6.	
	R2	SUGANO, <i>et al.</i> "NEDO human cDNA Sequencing project" Database Accession No. AK098396, pp. 1-2, September 14, 2006, XP-002259341.	
	R3	BATEY, R. G. <i>et al.</i> "Molecular Pathogenesis of T Lymphocyte-Induced Liver Injury in Alcoholic Hepatitis" <i>Frontiers in Bioscience</i> , July 1, 2002, pp. 1662-1675, Vol. 7.	
	R4	NORDMANN, Y. <i>et al.</i> "Human hereditary hepatic porphyrias" <i>Clinica Chimica Acta</i> , 2002, pp. 17-37, Vol. 325.	
	R5	VILCEK, J. "The Cytokines: an overview" <i>The Cytokine Handbook</i> , Chapter 1, 2003, pp. 1-18.	
	R6	NGO, J. T. <i>et al.</i> "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox" <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , 1994, pp. 491-495.	
	R7	WELLS, J. A. "Additivity of Mutational Effects in Proteins" <i>Biochemistry</i> , September 18, 1990, pp. 8509-8517, Vol. 29, No. 37.	
	R8	BOWIE, J. U. <i>et al.</i> "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions" <i>Science</i> , 1990, pp. 1306-1310, Vol. 247.	
	R9	EDWARDS, J. B. D. M. <i>et al.</i> "Sequence tag and encoded human protein" Database Accession No. BD511416, August 27, 2002, p. 1, XP-002259339.	
	R10	MARKS, D. <i>et al.</i> "A review on the diagnosis, natural history, and treatment of familial hypercholesterolaemia" <i>Atherosclerosis</i> , 2003, pp. 1-14, Vol. 168.	
	R11	JU, G. <i>et al.</i> "Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis" <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, pp. 2658-2662, Vol. 88.	
	R12	TANG, Y. T. <i>et al.</i> "Isolated polypeptides for treatment of diseases, diagnostics, raising antibodies and research use" Database Accession No. AAM24238, October 12, 2001, p. 1, XP-002259341.	

Examiner Signature		Date Considered	
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	R13	Office Action dated December 9, 2004 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R14	Office Action dated September 23, 2005 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R15	Office Action dated December 27, 2006 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R16	Office Action dated June 6, 2007 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R17	Office Action dated March 14, 2008 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R18	Office Action dated December 23, 2008 in U.S. application Serial No. 10/706,691, filed November 12, 2003.	
	R19		
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	R21		
	R22		
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